



Revisiting the generic position and acoustic diagnose of *Odontophrynus salvatori* (Anura: Odontophrynidae)

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Appendix I. Voucher numbers, municipalities, and GenBank accession numbers for 16S mitochondrial gene of specimens included in the molecular analyses. Sequences provided by us are highlighted in bold.

Species	Municipality, State	Voucher	GenBank accession number (16S)	Reference
<i>P. appendiculata</i>	São Sebastião, São Paulo	MNRJ53936	FJ685690	Amaro et al. (2009)
<i>P. appendiculata</i>	Santos, São Paulo	AF1466	JX987066	Teixeira et al. (2012)
<i>P. ararype</i>	Crato, Ceará	AAGARDA2741	KX855987	Mângia et al. (2018)
<i>P. ararype</i>	Crato, Ceará	AAGARDA2736	KX855986	Mângia et al. (2018)
<i>P. avelinoi</i>	Misiones, Argentina	DB1246	FJ685691	Amaro et al. (2009)
<i>P. avelinoi</i>	Misiones, Argentina	JF1948	DQ283039	Frost et al. (2006)
<i>P. belzebul</i>	Ubatuba, São Paulo	-	KF214156	Dias et al. (2013)
<i>P. belzebul</i>	São Luis do Paraitinga, São Paulo	CFBH8062	KF214155	Dias et al. (2013)

<i>P. bigibbosa</i>	Misiones, Argentina	DB2313	FJ685692	Amaro et al. (2009)
<i>P. boiei</i>	Bananal, São Paulo	MZUSP131915	JN814657	Amaro et al. (2012)
<i>P. boiei</i>	São Paulo, São Paulo	AF1587	FJ685693	Amaro et al. (2009)
<i>P. boiei</i>	Eugenópolis, Minas Gerais	MZUFV8952	JN814662	Amaro et al. (2012)
<i>P. boiei</i>	Rio de Janeiro	–	KM390779	Unpublished data
<i>P. branti</i>	Mateiros, Tocantins	CHUNB27366	MT196394	This study
<i>P. branti</i>	Mateiros, Tocantins	CHUNB27376	MT196395	This study
<i>P. branti</i>	Mateiros, Tocantins	CHUNB27378	MT196396	This study
<i>P. concavitympanum</i>	Aripuanã, Mato Grosso	FMT-A 11698	KX858855	Mângia et al. (2018)
<i>P. aff. concavitympanum</i>	Palmas, Tocantins	MTR7884	FJ685694	Amaro et al. (2009)
<i>P. cristiceps</i>	PARNA Serra das Confusões, Piauí	AF887	FJ685695	Amaro et al. (2009)
<i>P. cristiceps</i>	Barreiras, Bahia	AAGUFU1984	MT196393	This study
<i>P. cururu</i>	PARNA Sempre Vivas, Minas Gerais	RAB3225	MT196400	This study
<i>P. cururu</i>	PARNA Sempre Vivas, Minas Gerais	RAB3290	MT196402	This study
<i>P. cururu</i>	Cardeal Mota, Minas Gerais	FSFL580	FJ685696	Amaro et al. (2009)
<i>P. goyana</i>	Vila São Jorge, Alto Paraíso de Goiás, Goiás	RAB3285	MT196401	This study
<i>P. goyana</i>	Petrolina de Goiás, Goiás	AF1188	FJ68685697	Amaro et al. (2009)
<i>P. itamari</i>	Itatiaia, Rio de Janeiro	CFBH5755	FJ685699	Dias et al. (2013)
<i>P. laticeps</i>	Linhares, Espírito Santo	MTR12156	FJ685698	Amaro et al. (2009)
<i>P. mantiqueira</i>	Araponga, Minas Gerais	MZUFV10139	KF214143	Dias et al. (2013)
<i>P. melanopogon</i>	Cotia, São Paulo	AF1606	KF214139	Dias et al. (2013)
<i>P. cf. melanopogon</i>	Nova Friburgo, Rio de Janeiro	MNRJ51360	KF214145	Dias et al. (2013)
<i>P. moratoi</i>	Nova Xavantina, Mato Grosso	UNBGRC20925	MT196403	This study
<i>P. moratoi</i>	Itirapina, São Paulo	CFBH6515	FJ685689	Amaro et al. (2009)

<i>P. minuta</i>	Miguel Calmon, Bahia	MZUSP146499	JX982965	Teixeira et al. (2012)
<i>P. redacta</i>	Morro do Chapéu, Bahia	MZUSP150266	JX982967	Teixeira et al. (2012)
<i>P. renalis</i>	Caruaru, Pernambuco	ZUFRJ8665	JN814584	Amaro et al. (2012)
<i>P. salvatori</i>	Alto Paraíso de Goiás, Goiás	DZSJR3206.1	MT196397	This study
<i>P. salvatori</i>	Alto Paraíso de Goiás, Goiás	RAB3148	MT196398	This study
<i>P. salvatori</i>	Alto Paraíso de Goiás, Goiás	RAB3149	MT196399	This study
<i>P. schirchi</i>	Santa Tereza, Espírito Santo	371	FJ685701	Amaro et al. (2009)
<i>P. tupinamba</i>	Ilha Grande, Rio de Janeiro	MNRJ54541	KF214158	Dias et al. (2013)
<i>P. tupinamba</i>	Ilha Grande, Rio de Janeiro	MTR 15452	KF214160	Dias et al. (2013)
<i>P. tupinamba</i>	Ilha Grande, Rio de Janeiro	MTR 15449	KF214159	Dias et al. (2013)
<i>O. americanus</i>	Poços de Caldas, Minas Gerais	AF665	FJ685686	Amaro et al. (2009)
<i>O. americanus</i>	Buenos Aires, Argentina	JF1891	AY843704	Faivovich et al. (2005)
<i>O. carvalhoi</i>	Mucugê, Bahia	JC1224	FJ685687	Amaro et al. (2009)
<i>O. cordobae</i>	Cordoba, Argentina	ZFMK 80934	MK131165	Martino et al. (2019)
<i>O. cordobae</i>	Cordoba, Argentina	ZFMK 80936	MK131166	Martino et al. (2019)
<i>O. cordobae</i>	Cordoba, Argentina	ZFMK 80932	MK131164	Martino et al. (2019)
<i>O. cultripes</i>	Varginha, Minas Gerais	FSFL875	FJ685688	Amaro et al. (2009)
<i>O. lavillai</i>	Santiago del Estero, Argentina	ZFMK80952	MK131167	Martino et al. (2019)
<i>O. lavillai</i>	Santiago del Estero, Argentina	ZFMK80953	MK131168	Martino et al. (2019)
<i>O. occidentalis</i>	La Rioja, Argentina	ZFMK80916	MK131161	Martino et al. (2019)
<i>O. occidentalis</i>	San Juan, Argentina	ECOALMUNRC 284	MK131162	Martino et al. (2019)
<i>O. occidentalis</i>	Neuquen, Argentina	ZFMK95407	MK131169	Martino et al. (2019)
<i>O. occidentalis</i>	Cordoba, Argentina	ECOALMUNRC 178	MK131160	Martino et al. (2019)
<i>O. occidentalis</i>	San Juan, Argentina	ECOALMUNRC 228	MK131163	Martino et al. (2019)

<i>O. occidentalis</i>	Cordoba, Argentina	MLP 4766	KP295642	Martino et al. (2019)
<i>O. occidentalis</i>	Mendoza, Argentina	MVZ:Herp 145207	JX564880	Martino et al. (2019)
<i>C. acangatan</i>	Cotia, São Paulo	AF1605	FJ685683	Amaro et al. (2009)
<i>M. alipioi</i>	Jussari, Bahia	AF919	FJ685684	Amaro et al. (2009)
<i>M. alipioi</i>	Cotia, São Paulo	AF1607	FJ685685	Amaro et al. (2009)
<i>T. miliaris</i>	Santos, São Paulo	AF1434	FJ685682	Amaro et al. (2009)

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Appendix II. Expanded summary of advertisement calls parameters. Data analysed by us are highlighted in bold. *data originally published by Martins & Giaretta (2012).

Species	Note Duration (s)	Notes/call	Pulses/note	Pulse rate	Dominant frequency (Hz)	Location	Source
<i>P. ararype</i> 3 males, 120 notes	0.498 ± 0.06 (0.374–0.648)	1	49.4 ± 6.6 (38–65)	99 ± 1.5 (95.7–102.7)	1167.2 ± 76.8 (1033.6–1378.1)	Crato, CE	Mângia et al. (2018)
<i>P. concavitympanum</i> 3 males, 33 notes	0.367 ± 0.06 (0.230–0.500)	1	38.7 ± 7.4 (23–51)	106.3 ± 3.1 (100–112.3)	948.2 ± 66.7 (851.0–1116.4)	Aripuanã, MT	Santana et al. (2010)
<i>P. concavitympanum</i> 1 male, 13 notes	0.278 ± 0.04 (0.178–0.326)	1	30.9 ± 4.8 (19–37)	110.9 ± 5.2 (100.7–119.3)	819.2 ± 62.2 (754.3–874.5)	Espigão do Oeste, RO	Santana et al. (2010)
<i>P. moratoi</i> 4 males, 126 notes	0.245 ± 0.03 (0.185–0.307)	1	20.5 ± 2.5 (15–26)	81–85	1343.0 ± 73.7 (1174–1444)	Itirapina, SP	Brasileiro et al. (2008)
<i>P. moratoi</i> 2 males, 59 notes	0.207 ± 0.02 (0.146–0.238)	1	17.5 ± 1.5 (12–20)	82–84	1348.7 ± 86.6 (1153–1420)	Botucatu, SP	Brasileiro et al. (2008)
<i>P. moratoi</i> 2 males, 44 notes	0.232 ± 0.02 (0.181–0.268)	1	19 ± 3.0 (14–23)	77–86	1440 ± 50 (1406–1594)	Ituiutaba, MG	Martins & Giaretta (2012)
<i>P. moratoi</i> 7 males, 148 notes	0.253 ± 0.04 (0.179–0.335)	1	19 ± 2.0 (14–23)	69–78	1327 ± 108 (1219–1464)	Uberlândia, MG	Martins & Giaretta (2012)
<i>P. moratoi</i> 2 males, 20 notes	0.202 ± 0.01 (0.178–0.221)	1	18 ± 1.1 (16–19)	88.1 ± 2.1 (84.2–90.5)	1378.1	Uberlândia, MG	FNJV32974–75*

<i>P. moratoi</i> 2 males, 20 notes	0.220 ± 0.01 (0.182–0.247)	1	18 ± 2.4 (14–22)	82.2 ± 6.2 (74.9–89.9)	1345.3 ± 33.7 (1312.5–1378.1)	Ituiutaba, MG	FNJV32972–73*
<i>P. moratoi</i> 1 male, 55 notes	0.280 ± 0.02 (0.224–0.308)	1	24 ± 1.3 (20–26)	87.1 ± 1.5 (83.3–90.3)	1312.5	São Carlos, SP	FNJV12228
<i>P. moratoi</i> 3 males, 30 notes	0.223 ± 0.03 (0.180–0.275)	1	22 ± 2.8 (17–26)	96.6 ± 2.6 (92.6–103.0)	1312.5	Itirapina, SP	FNJV12222–24
<i>P. moratoi</i> 1 male, 12 notes	0.217 ± 0.01 (0.202–0.234)	1	17.8 ± 0.6 (17–19)	82.0 ± 1.0 (80.7–84.0)	1220.2 ± 49.7 (1205.9–1378.1)	Campo Alegre de Goiás, GO	FNJV33431
<i>P. salvatori</i> 4 males, 20 notes	0.317 ± 0.89 (0.198–420)	1	20.2 ± 3.6 (15–25)	-	1572.2 ± 225.7	Alto Paraíso de Goiás and Silvânia, GO	Bastos et al. (2011)
<i>P. salvatori</i> 2 males, 65 notes	0.366 ± 0.02 (0.297–0.413)	1	21.2 ± 1.5 (17–25)	57.9 ± 2.1 (54.0–61.2)	1849.0 ± 58.6 (1687.5–1875.0)	Alto Paraíso de Goiás, GO	ASUFRN679–680